Form PTO-1449
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

LIST OF INFORMATION CITED BY APPLICANT
(Use as many sheets as necessary)

Complete if Known	
Application Number	10/659,675
Filing Date	September 10, 2003
First Named Inventor	Tim Townes et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	Document No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
LDL	A1	6,200,806	03-2001	Thomson	435	366	
LDL	A2	5,843,780	12-1998	Thomson	435	363	
LDL	A3	5,602,306	02-11-1997	Townes et al.			

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document (Country Code-Number-Kind Code)	Date	Name	Translation Yes/No
LDL	A4	WO 95/03820	9 Feb 1995		
LDL	A5	WO 95/00657	5 Jan 1995		

NON-PATENT DOCUMENTS

Examiner's Initials	Cite No.	Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)
LDL	A6	Baribault et al."Embryonic Stem Cell Culture and Gene Targeting in Transgenic Mice", Mol. Biol. Med. 6:481-492 (1989).
	A7	Behringer et al. "Human γ- to βglobin gene switching in transgenic mice", Genes & Development 4:380-389 (1990).
	A8	Behringer et al. "Synthesis of Functional Human Hemoglobin in Transgenic Mice", Science 245:971-973 (1989).
	A9	Ciavatta et al. "Mouse model of human β^0 thalassemia: Targeted deletion of the mouse β^{maj} and β^{min} globin genes in embryonic stem cells", Proc. Natl. Acad. Sci. USA 92:9259-9263 (1995)
	A10	Dillon N. "Regulating Gene Expression in Gene Therapy", Tibtech 11:167-173 (1993)
	A11	Ebert et al. Molecular Endocrinology 2:277-283 (1988)
	A12	Fabry et al. "A Second Generation Transgenic Mouse Model Expressing Both Hemoglobin S(HbS) and HbS-Antilles Results in Increased Phenotypic Severity", Blood 86:2419-2428 1995)
	A13	Fabry et al. "High expression of human β^S-and α-globins in transgenic mice: Erythrocyte abnormalities, organ damage, and the effect of hypoxia", Proc. Natl. Acad. Sci. USA 89:12155-12159 (1992)
	A14	Greaves et al. "A transgenic mouse model of sickle cell disorder", Nature 343:183-185 (1990)
	A15	Gu et al. "Independent Control of Immunoglobulin Switch Recombination at Individual Switch Regions Evidenced Trough Cre-LoxP-Mediated Gene Targeting", Cell 73:1155-1164 (1993)
	A16	Hammer et al. J. Anim. Sci. 63:269-278 (1986)

Examiner Signature: [signature] Date Considered: 3.26.05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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LDL	A36	Townes et al. "Erythroid-specific expression of human β-globin genes in transgenic mice", The EMBO Journal 4:1715-1723 (1985)
	A37	Trudel et al. "Sickle Cell Disease of Transgenic SAD Mcie", Blood 84:3189-3197 (1994)
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	A40	Wall, Theriogenology 43:57-68 (1996)
	A41	Westphal FASEB J., 3:117-120 (1989)
	A42	Westhusin et al. "Cloning to reproduce desired genotypes" Theriogenology 55:35-49 (2001)
	A43	Yang et al. "A mouse model for β^0-thalassemia", Proc. Natl. Acad. Sci. USA 92:11608-11612 (1995)

Examiner Signature: [signature] Date Considered: 5/26/05

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	A18	Khoury et al. "Parameters Influencing the Expression of Human Hemoglobin in Transgenic Pigs", J. Cell Biochemistry Suppl. 0(17 PartA), B 362, p. 115 (1993)
	A19	Lauer et al. "The Chromosomal Arrangement of Human α-Like Globin Genes: Sequence Homology and α-Globin Gene Deletions", Cell 20:119-130 (1980)
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	A21	Moreadith et al. J. of Molecular Medicine 75:208-216 (1997)
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	A24	Paszty et al. "Lethan α-thalassaemia Created by Gene Targeting in Mice and its Genetic Rescue", Nature Genetics 11;33-39 (1995)
	A25	Pennisi et al. "Clones: A hard act to follow", Science 288:1722-1727 (June 2000)
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MD hot 5.26.05